SENATE AMENDMENTS TO SENATE BILL 80

By COMMITTEE ON ENVIRONMENT AND NATURAL RESOURCES

May 6

On page 1 of the printed bill, line 2, after "ORS" delete the rest of the line and line 3 and insert 1 $\mathbf{2}$ "468A.210 and 659A.885; repealing ORS 468A.235, 468A.240, 468A.255 and 468A.260; and declaring 3 an emergency.". Delete lines 5 through 23 and delete pages 2 through 7 and insert: 4 "SECTION 1. Legislative purpose. As provided in sections 3 to 8 of this 2009 Act, the $\mathbf{5}$ Legislative Assembly directs state agencies to use existing authorities, where appropriate, 6 7 to reduce greenhouse gas emissions immediately and to develop comprehensive planning to enable this state to meet its 2020 statutory greenhouse gas emissions reduction goal specified 8 9 in ORS 468A.205 (1)(b). If achieving the statutory greenhouse gas emissions reduction goal 10 is not technologically or economically feasible, the planning must be designed to achieve the 11 maximum reductions that are technologically and economically feasible. 12"SECTION 2. Definitions. As used in sections 3 to 8, 9, 10 and 11 of this 2009 Act, 13 'greenhouse gas' has the meaning given that term in ORS 468A.210. 14 "SECTION 3. Climate Policy Advisory Council. (1) There is established the Climate Policy 15Advisory Council for the purpose of coordinating the actions of state agencies identified in 16 section 4 of this 2009 Act that are planning to achieve the greenhouse gas emissions re-17 duction goal specified in ORS 468A.205 (1)(b). 18 (2) The council shall consist of the Director of the Department of Environmental Quality, the Director of Transportation, the chairperson of the Public Utility Commission and the 19 20 Director of the State Department of Energy. 21"(3) The Director of the Department of Environmental Quality shall serve as chairperson 22of the council. 23 "(4) The State Department of Energy shall provide clerical, technical and management 24 personnel to serve the council. Other state agencies, including but not limited to the De-25partment of Land Conservation and Development, the Housing and Community Services Department, the State Forestry Department and the State Department of Agriculture, shall 2627provide support as requested by the State Department of Energy or the council. The council 28may employ staff and enter into contracts as necessary to meet its obligations under

29 sections 3 to 8 of this 2009 Act. The council may also set a budget.

30 **"(5) The council may:**

31 "(a) Investigate, research, develop and propose mechanisms for reducing greenhouse gas 32 emissions in this state from sectors of the economy over which the state agencies that are 33 part of the council have authority.

34 "(b) Coordinate activities of state agencies in accomplishing greenhouse gas emissions 35 reduction activities across economic sectors and state agency authority.

agency greenhouse gas emissions and accomplishing greenhouse gas emissions reduction 3 4 activities for state government. "(d) Inventory all carbon reduction activities under way in this state, including but not 5 limited to those related to: 6 7 "(A) The renewable portfolio standards established by ORS 469A.005 to 469A.210. "(B) The public purpose charge and costs specified in ORS 757.612 and 757.689 and pro-8 visions related to small scale local energy projects in ORS chapter 470. 9 "(C) Provisions specified in ORS 469.160 to 469.180 and 469.185 to 469.225. 10 11 "(D) Other energy efficiency and conservation programs established by law in this state, including those related to building codes and energy-efficiency standards for appliances. 1213"(E) The transportation and land use plans and policies of the State of Oregon or of cities, counties, metropolitan planning organizations or any regional government. 14 "(F) Limits on emissions from vehicles sold in this state. 15 "(G) Anticipated reductions in emissions from fuels combusted for transportation in this 16 state. 17 "(H) Other policies, programs or measures the council reasonably expects may reduce 18 19 greenhouse gas emissions. "(e) Estimate the amount of the reduction in greenhouse gas emissions attained from 20 21existing carbon reduction activities and quantify other emissions that must be reduced in 22order to meet the greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b). 23"(f) Undertake a series of exercises by economic sector to identify greenhouse gas emissions reduction strategies and activities that may be implemented. 24 25"(g) Quantify the economic costs, on a per ton basis, of accomplishing carbon reduction 26activities. 27"(h) Make recommendations to state agencies regarding the reduction of greenhouse gas emissions. 28 29 "(i) Monitor the progress and effect of policies and programs to meet greenhouse gas emissions reduction goals specified in ORS 468A.205. 30 (j) Review and provide recommendations, at least once every three years, to plan for 31accomplishing carbon reduction activities as needed in order to meet the greenhouse gas 3233 emissions reduction goals specified in ORS 468A.205. "(k) Identify, to the greatest extent practicable, greenhouse gas emissions reductions 34from which a benefit may accrue to this state under existing federal laws or regulations or 35 legislation enacted by or under consideration by Congress. 36 "(L) Determine whether penalties imposed upon persons emitting greenhouse gases would 37 38 affect emissions and how those penalties would be implemented and enforced. 39 "(6) The council shall submit a report to the Legislative Assembly prior to January 1 of 40 each odd-numbered year through 2019. The reports shall include: 41 "(a) The state agency plans described in sections 4, 6, 7 and 8 of this 2009 Act; "(b) The council's activities under this section concerning a coordinated effort to meet 42the greenhouse gas emissions reduction goal specified in ORS 468.205 (1)(b); and 43 44 "(c) Progress toward achieving reductions as designed in the state agency plans. 45 "(7) In coordinating the greenhouse gas emissions reduction plans of the state agencies

"(c) In cooperation with the Oregon Department of Administrative Services, coordinate

activities of state agencies, including the Oregon University System, in assessing the state

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identified in section 4 of this 2009 Act to meet the goal specified in ORS 468A.205 (1)(b), the 1 2 council shall consider the potential costs and benefits to the environment, public health and the economy of Oregon. These costs and benefits include, but are not limited to, effects on 3 4 individuals employed by economic sectors required to reduce greenhouse gas emissions, effective methods to minimize the potential to export pollution, jobs and economic opportunity, 5 effects on low-income and middle-income individuals, methods to track job losses or gains, 6 7 methods to coordinate existing, or to establish new, workforce development, training and recovery programs, impacts on overall utility rates and impacts on public and ecosystem 8 health. 9

"(8) In coordinating the greenhouse gas emissions reduction plans of the state agencies 10 11 identified in section 4 of this 2009 Act, the council shall consider the impacts and opportu-12nities associated with greenhouse gas emissions reduction measures, primary, sector-wide, 13market and fee-based sources of reductions including but not limited to an emissions trading market or a carbon tax, opportunities for emissions reduction measures from all verifiable 14 15and quantifiable voluntary actions including but not limited to carbon sequestration and best 16 management practices, compliance mechanisms, administrative costs and staffing, implementation, tracking and monitoring, evaluation, program and measure funding and any new 17 18 regulatory authority that may be required.

"(9) All agencies of the executive department, as defined in ORS 174.112, are directed to
assist the council in the performance of its duties and to furnish such information and advice
as the members of the council consider necessary to perform their duties.

"(10) If the council determines that meeting the greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b) is not in the state's best economic interest, the council shall demonstrate and explain in a report to the Legislative Assembly the reasons for that determination.

26 "<u>SECTION 4.</u> State agency plans. (1) The Public Utility Commission shall, pursuant to 27 section 6 of this 2009 Act, develop and implement a plan, within existing authority, designed 28 to meet the greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b) for 29 public utilities.

"(2) The Department of Transportation, in coordination with the Department of Environmental Quality, the State Department of Energy and the Department of Land Conservation and Development, shall, pursuant to section 7 of this 2009 Act, develop and implement a plan, within existing authority, designed to meet the greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b) for transportation.

"(3) The Department of Environmental Quality shall, pursuant to section 8 of this 2009
 Act, develop and implement a plan, within existing authority, designed to meet the
 greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b) for industry.

"(4) If a state agency identified in subsections (1) to (3) of this section determines that meeting the goal specified in ORS 468A.205 (1)(b) is not technologically or economically feasible for the particular sector, the agency shall develop and implement an alternative greenhouse gas emissions reduction strategy that, as determined by the agency, is feasible and effective, instead of meeting the goal specified in ORS 468.205 (1)(b).

43 "(5) The plans required by subsections (1) to (3) of this section must be subject to review
44 and comment before their adoption by the relevant state agency.

45 "(6) The plans required by subsections (1) to (3) of this section must be updated at least

once every two years to account for changes in technology, cost feasibility and other factors
 the state agency updating the plan determines are relevant.

"(7) The plans required by subsections (1) to (3) of this section are not intended to delay actions by state agencies to reduce greenhouse gas emissions under existing authority. Each state agency shall identify any new authority the agency deems necessary or useful to achieve greenhouse gas emissions reductions and incorporate those recommendations into the agency's plan for submission to the Legislative Assembly under section 5 of this 2009 Act. <u>SECTION 5. Deadlines for agencies and the Climate Policy Advisory Council.</u> The Climate Policy Advisory Council and each state agency identified in section 4 of this 2009 Act

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shall meet the following deadlines:

"(1) Prior to July 1, 2010, each agency shall submit draft plans to the council for the sectors regulated by that agency.

"(2) Prior to September 1, 2010, the council shall consider all agency plans and suggest
 revisions for the coordination of the plans.

15 "(3) Prior to December 1, 2010, each agency shall submit final plans to the council.

"(4) Prior to January 1, 2011, the council shall report to the Legislative Assembly on the
 final plans.

18 "(5) Prior to January 1 of every odd-numbered year through 2019, the council shall report 19 to the Legislative Assembly on progress in implementing the adopted plans.

20 "<u>SECTION 6.</u> Public Utility Commission plan. (1) Utilizing a public process pursuant to 21 its investigatory authority under ORS 756.515, the Public Utility Commission shall develop a 22 plan to achieve greenhouse gas emissions reduction measures for electric companies as de-23 fined in ORS 757.600 and natural gas companies. Except as provided in section 4 (4) of this 24 2009 Act, the plan shall be designed to meet the greenhouse gas emissions reduction goal 25 specified in ORS 468A.205 (1)(b). In developing the plan, the commission shall:

"(a) Consider the integrated resource planning process developed by the commission and
 related orders, and the integrated resource plans that result from that process and provide
 a means for encouraging greenhouse gas emissions reductions;

29 "(b) Design the plan in a manner that is equitable, that seeks to balance costs with the 30 existing standard to ensure rates are fair, just and reasonable, that balances the total ben-31 efits to both customers and electric and natural gas companies and that encourages early 32 actions to reduce greenhouse gas emissions;

33 "(c) Recognize the impact of the steps that this state has taken prior to the development 34 of the plan that address and affect greenhouse gas emissions, including but not limited to 35 emissions reduction goals, a renewable portfolio standard, a power plant carbon dioxide 36 emissions performance standard, a renewable fuels standard, a tax credit system that re-37 wards investment in renewable energy, a public purpose charge requirement, energy effi-38 ciency standards for appliances, loan programs, building codes related to energy consumption 39 and stringent land use planning;

"(d) Ensure that activities undertaken to comply with the plan do not disproportionately
impact low-income customers and low-income and rural communities served by electric and
natural gas companies and adopt measures as appropriate that mitigate the impact on those
customers and communities;

44 "(e) Consider measures that vary by utility, customer type or technology;

45 "(f) Consider the significance of the contribution of each source or category of sources

1 to statewide emissions of greenhouse gases;

"(g) Use least-cost programs utilizing prudently incurred investments for reducing greenhouse gas emissions, including but not limited to demand reduction, energy efficiency and energy conservation, distributed generation, improvements in efficiency of transmission and delivery systems and advanced transmissions and delivery systems; and

"(h) Consider the costs and the effect that the plan will have on the competitiveness, as
compared to other states, of Oregon's businesses and business sectors, as well as the costs
of inaction on Oregon utility ratepayers.

"(2) The commission shall have authority to include greenhouse gas emissions impacts 9 10 and proposals to reduce greenhouse gas emissions when considering integrated resource 11 plans, proposed rates and other policy issues. The commission shall adopt by rule guidelines for integrating greenhouse gas emissions reduction planning with the existing integrated 12resource planning process. These guidelines shall require electric and natural gas companies 13to set goals for reducing greenhouse gas emissions on a five-year time horizon and to identify 14 actions needed to meet these reduction goals. Measures used to meet the reduction goals 1516 may include but are not limited to:

"(a) Energy conservation and energy efficiency, including smart grid, low-income
 weatherization programs and other energy efficiency projects;

"(b) Development of renewable energy resources;

20 "(c) Investment in research and development for carbon reduction and renewable energy;

21 "(d) Infrastructure improvements, including transmission and distribution investments,

22 for efficiency and for expanding access to renewable energy generation;

23 "(e) Energy storage devices;

24 "(f) Combined heat and power;

"(g) Distributed generation, including small scale renewable generation, thermal energy
 devices and related interconnection equipment and controls;

"(h) Transportation-related electrification including residential and commercial charging
 infrastructure and utility fleet demonstration projects; and

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"(i) Demand response programs.

30 "(3) An electric or natural gas company that files an integrated resource plan with the 31 commission must identify, within the integrated resource plan, the greenhouse gas emissions 32 of the company that would be reduced relative to the greenhouse gas reduction goal specified 33 in ORS 468A.205 (1)(b). The filed integrated resource plan must ensure that the electric or 34 natural gas company meets the reductions identified under the commission's emissions re-35 duction plan developed under subsection (1) of this section.

36 "(4) The commission shall consider recommendations made by the committees appointed 37 under section 10 of this 2009 Act for the use carbon offsets to meet the goals established in 38 the commission's emissions reduction plan developed under subsection (1) of this section. 39 The commission shall ensure that the emissions reductions achieved through the use of 40 carbon offsets:

41 "(a) Are real, permanent, quantifiable, verifiable and enforceable; and

42 "(b) Accrue to the electric or natural gas company's customers that pay for the offsets. 43 "(5) To the greatest extent possible, the commission shall place a higher priority on ac-44 complishing reductions in the emissions reduction plan developed under subsection (1) of this 45 section for which the commission identifies a benefit that may accrue to this state under 1 greenhouse gas emissions reduction legislation enacted by or under consideration by Con-2 gress or under federal regulations.

"(6) The commission shall use its existing authorities to pursue all cost-effective conservation and energy efficiency measures in the service territories of electric companies and
natural gas companies.

6 "<u>SECTION 7. Department of Transportation plan.</u> (1) The Department of Transportation, 7 in coordination with the Department of Environmental Quality, the State Department of 8 Energy and the Department of Land Conservation and Development, shall develop a plan for 9 the transportation sector designed to reduce greenhouse gas emissions. Except as provided 10 in section 4 (4) of this 2009 Act, the plan must be designed to meet the greenhouse gas 11 emissions reduction goal specified in ORS 468A.205 (1)(b).

"(2) The plan must prioritize the most appropriate and effective solutions to reduce
 greenhouse gas emissions and provide:

"(a) An assessment of expected emissions reductions from all policies and programs in
place as of August 7, 2007, that recognizes the steps that Oregon has taken to affect
greenhouse gas emissions reductions prior to the development of the plan.

17 "(b) An inventory of measures other than those outlined in paragraph (a) of this sub-18 section that are necessary to meet the goal specified in ORS 468A.205 (1)(b) for the trans-19 portation sector, including:

20 "(A) Recommendations to the Legislative Assembly of measures that:

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"(i) Limit greenhouse gas emissions from vehicles sold in Oregon.

"(ii) Reduce greenhouse gas emissions from fuels combusted for transportation in
 Oregon.

24 "(iii) Provide additional funding mechanisms separate from the State Highway Fund for 25 activities within the transportation sector that result in greenhouse gas emissions re-26 ductions.

"(iv) Grant authority, if necessary, to implement additional policies, tools and programs
 that will result in reductions in greenhouse gas emissions by the transportation sector.

"(B) An inventory of rules and any legislative authority approved in the 2009 legislative
 session.

31 "(C) An inventory of rules adopted to facilitate the development of infrastructure for 32 electrification of passenger vehicles, light trucks and commercial fleets at existing fuel 33 stations.

34 "(D) An inventory of rules adopted by state agencies to implement additional policies, 35 tools and programs that will result in reductions in greenhouse gas emissions by the trans-36 portation sector.

37 "<u>SECTION 8.</u> Department of Environmental Quality plan. (1) Utilizing a public process 38 than conforms with ORS chapter 183, the Environmental Quality Commission shall direct the 39 Department of Environmental Quality in the development of a plan to achieve greenhouse 38 gas emissions reduction measures from industrial facilities with stationary sources. Except 41 as provided in section 4 (4) of this 2009 Act, the plan must be designed to meet the 42 greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b).

43 "(2) The plan shall focus on direct emissions from industrial facilities with stationary
44 sources that emit more than 25,000 tons of carbon dioxide equivalent pollution in one year.
45 "(3) The plan may not include energy-related emissions reductions accounted for in the

plan developed by the Public Utility Commission under section 6 of this 2009 Act or for
 energy-related emissions reductions reported by consumer-owned utilities under section 9
 of this 2009 Act.

4 "(4) Industrial facilities with stationary sources may implement the greenhouse gas 5 emissions reduction plan on a voluntary basis prior to January 1, 2014. If the Climate Policy 6 Advisory Council determines that incorporation of emissions reductions from the industrial 7 sector are necessary for this state to meet the greenhouse gas emissions reduction goal 8 specified in ORS 468A.205 (1)(b) and that achieving these reductions can be done in a way 9 that is cost-effective and technologically feasible, compliance is required after January 1, 10 2014.

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"(5) The plan developed under subsection (1) of this section shall:

"(a) Prioritize the most effective solutions and consider allowing industrial facilities with
 stationary sources to reduce emissions through energy efficiency, distributed generation,
 cogeneration, fuel switching or other measures.

15 "(b) Assess whether cost-effective greenhouse gas emissions reduction measures can
 16 provide other pollution reduction benefits.

"(c) Analyze potential emissions reductions, costs, cost effectiveness and technical fea sibility of measures.

"(d) Consider whether proposed emissions reduction strategies would require new state,
 federal or local environmental permits or modifications to existing permits.

21 "(e) Consider barriers to the viability or implementation of greenhouse gas emissions 22 reduction strategies.

"(f) Consider what incentives might be necessary to achieve reductions in greenhouse gas
 emissions.

"(g) Propose rules for the enforcement of greenhouse gas emissions reduction strategies to ensure compliance after January 1, 2014, if inclusion of the industrial facilities with stationary sources is necessary for this state to meet the greenhouse gas emissions reduction goal specified in ORS 468A.205 (1)(b).

"(h) Consider short-term voluntary measures for the reduction of greenhouse gas emis sions from industrial facilities with stationary sources, including verification of greenhouse
 gas emissions reduction measures.

32 "SECTION 9. Consumer-owned utilities; adoption of plan or program. (1) As used in this
 33 section, 'consumer-owned utility' and 'governing body' have the meanings given those terms
 34 in ORS 757.600.

"(2) Each governing body of a consumer-owned utility shall adopt a resolution:

36 "(a) To establish a local conservation and energy efficiency plan that implements cost-37 effective conservation and energy efficiency measures within the utility's service territory; 38 or

39 "(b) To fund an annual conservation, energy efficiency and carbon reduction or avoidance 40 program in an amount equal to two percent of the utility's annual retail electric sales re-41 venues or, in the case of a utility with fewer than 17 customers per mile of distribution line, 42 the utility's share of state total electric sales revenues multiplied by two percent of total 43 statewide retail electric sales revenues, whichever is less.

44 "(3)(a) The local conservation and energy efficiency plan described in subsection (2)(a)
 45 of this section shall:

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1 "(A) Identify the potentially achievable levels of conservation and energy efficiency for 2 the consumer-owned utility over a 10-year period; and

"(B) Specify a conservation acquisition target for cost-effective conservation for each
 five-year period.

5 "(b) The consumer-owned utility shall implement the plan to achieve the targets specified
6 in the plan.

7 "(c) In implementing the local conservation and energy efficiency plan and conservation 8 acquisition targets, the consumer-owned utility shall utilize methodologies of the Pacific 9 Northwest Electric Power and Conservation Planning Council's current regional power plan. 10 The governing body of the consumer-owned utility may package conservation or energy effi-11 ciency measures in the local conservation and energy efficiency plan to meet the utility's 12 conservation acquisition target.

13 "(d) If the governing body of a consumer-owned utility that is a small electric utility as 14 described in ORS 469A.055 determines that the small electric utility cannot meet its conser-15 vation acquisition target within a five-year period, the governing body shall acquire 16 renewable resources equal to the projected shortfall.

"(e) The governing body of a consumer-owned utility may contract with an independent,
 qualified third party to operate a local conservation and energy efficiency plan.

"(4) In establishing an annual conservation, energy efficiency and carbon reduction or
 avoidance program described in subsection (2)(b) of this section, a consumer-owned utility:

"(a) May credit against the amount described in subsection (2)(b) of this section all direct and indirect expenditures made for conservation and energy efficiency programs, regional market transformation, low-income weatherization, utility loan financing programs or any other conservation and energy efficiency measures including conservation programs and energy efficiency programs of the Bonneville Power Administration;

26 "(b) May collect a charge associated with the annual conservation, energy efficiency and 27 carbon reduction or avoidance program as part of retail electric rates or through a 28 nonbypassable fee on each customer's electric bill as specified by the governing body of the 29 consumer-owned utility and meet the conservation acquisition target over the five-year pe-30 riod;

31 "(c) Shall use revenue from a charge associated with the annual conservation, energy 32 efficiency and carbon reduction or avoidance program to fund the direct and indirect costs 33 of conservation, energy efficiency and carbon reduction or avoidance projects, including but 34 not limited to projects related to renewable resources; and

35 "(d) May roll over revenue from the annual conservation, energy efficiency and carbon 36 reduction or avoidance program for up to five years in order to save revenue for large 37 projects or to provide flexibility in developing large commercial or industrial projects.

38 "(5) The governing body of a consumer-owned utility may fulfill its obligations under this 39 section by participating in a joint operating entity or a joint operating agency established for 40 purposes of energy conservation and efficiency. The joint operating entity's or joint operating 41 agency's obligation for energy conservation is determined by combining the conservation 42 acquisition targets for all members. The members shall determine the allocation of the obli-43 gation.

44 "(6) The following are eligible for funding as part of a local conservation and energy ef-45 ficiency plan or an annual conservation, energy efficiency and carbon reduction or avoidance

1	program described in this section:
2	"(a) Energy conservation, energy efficiency and weatherization initiatives;
3	"(b) Low-income weatherization, as defined in ORS 757.600;
4	"(c) Energy efficiency projects in schools and local governments;
5	"(d) Electricity market transformation;
6	"(e) Renewable resource facilities of any size that are net metering facilities, as defined
7	in ORS 757.300;
8	"(f) Efficiency improvements in the electricity distribution system;
9	"(g) Combined heat and power programs;
10	"(h) Demand response programs;
11	"(i) Customer loan programs that promote energy efficiency measures;
12	"(j) Infrastructure and incentives to support sustainable electric vehicle programs;
13	"(k) Renewable resources; and
14	"(L) Other activities approved by governing bodies of consumer-owned utilities as neces-
15	sary to reduce the utility's greenhouse gas emissions.
16	"(7) Consumer-owned utilities with fewer than 2,500 customers in this state that are
17	load-following customers of the Bonneville Power Administration may fulfill their obligations
18	under this section by participating in the conservation programs of the Bonneville Power
19	Administration.
20	"(8) If the Public Utility Commission by order determines that there is a pending emer-
21	gency in Oregon electricity markets, the governing body of a consumer-owned utility need
22	not comply with the requirements of this section for the duration of the emergency.
23	"(9)(a) Each consumer-owned utility shall provide an annual report by December 31 of
24	each year describing its actions under this section to:
25	"(A) The governing body of the consumer-owned utility; and
26	"(B) The State Department of Energy.
27	"(b) A report provided under paragraph (a) of this subsection may be a copy of the
28	consumer-owned utility's conservation and energy efficiency report made to the Bonneville
29	Power Administration as part of the regional reporting system.
30	"(10) Each governing body of a consumer-owned utility shall adopt the resolution re-
31	quired by this section not later than January 1, 2012.
32	"(11) This state shall credit actions taken by consumer-owned utilities under this section
33	against future state and federal carbon reduction requirements including early action credit.
34	" <u>SECTION 10.</u> Offsets. (1) The Climate Policy Advisory Council shall appoint one or more
35	advisory committees for the purpose of:
36	"(a) Investigating the ability of a state agency to identify and use existing carbon offset
37	markets to reduce greenhouse gas emissions;
38	"(b) Investigating the ability of the state to act as an aggregator of approved carbon
39	offsets and to act as an initial supplier of carbon offsets to the market by a periodic auction;
40	"(c) Identifying statutory, regulatory and budgetary barriers to the adoption of strategies
41	to use existing carbon offset programs pursuant to existing authority;
42	"(d) Establishing guidelines to determine whether reported carbon offsets are real, per-
43	manent, quantifiable, additional and verifiable;
44	"(e) Determining the geographical scope of allowable investments in carbon offset mar-
45	kets; and

1 "(f) Determining the extent to which carbon offsets are used to achieve carbon re-2 ductions.

3 **"(2) The council:**

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4 "(a) Shall appoint advisory committees within 90 days of the effective date of this 2009
5 Act;

"(b) Shall determine the membership and operating rules of the advisory committees;

"(c) May cooperate and coordinate with other state agencies to minimize duplication of
 effort; and

9 "(d) May focus the council's efforts on integrating the potential carbon offsets with any 10 legislation or regulations that are being or may be contemplated by the federal government. 11 "(3) An advisory committee, in consultation with interested stakeholders, shall develop 12 recommendations for the state's policy for forestry offset projects within this state. The 13 committee shall submit the final policy recommendations to the appropriate legislative in-14 terim committees prior to October 1, 2012. The policy recommendations may address:

"(a) Specific standards and guidelines that will support carbon accounting in managed
 forests participating in an offset program;

17 "(b) Recommendations on how any carbon that is reduced or sequestered by a forestry 18 offset project may be eligible for an offset credit within a national cap-and-trade program;

"(c) Recognition of management activities that increase carbon stocks including, but not limited to, thinning, lengthening rotations, increased retention of trees after harvest, fertilization, genetics, timber stand improvement, fire management, creation or maintenance of long-term or permanent reserves and specific site class and productivity of a managed forest;

24 "(d) Specific standards and guidelines to support wood products accounting, recognizing 25 that carbon is stored in products after trees are harvested, including the use of the 100-year 26 method, which estimates the amount of carbon stored in wood products that are projected 27 to remain in use after 100 years;

"(e) Guidelines on how transfer of development rights or on-site cluster development
 projects may be used to create forestry offset projects;

30 "(f) Guidelines on how forestry offset projects and forestry financial incentive programs 31 can work together so that this state's forest landowners will not be disadvantaged in com-32 parison to other jurisdictions participating in a national cap-and-trade program;

"(g) Verification or certification of carbon stocks in a manner that will not be adminis tratively burdensome; and

"(h) A process and timeline to survey, catalog and map Oregon soils in a manner that
 describes the soil carbon sequestration of the soils.

"(4) An advisory committee, in consultation with interested stakeholders, shall develop recommendations for the state's policy for agricultural offset projects within this state. The committee shall submit its final policy recommendations to the appropriate legislative interim committees prior to October 1, 2012. The policy recommendations may address:

41 "(a) A process and timeline to survey, catalog and map Oregon soils in a manner that
42 describes the soil carbon sequestration level of the soils;

43 "(b) Activities that would increase carbon sequestration in soils or mitigate uncontrolled
 44 emissions of methane emitted by livestock and therefore potentially qualify as offset
 45 projects; and

1 "(c) Recommendations on how any carbon that is reduced or sequestered by an agricul-2 tural offset project may be eligible for an offset credit within a national cap-and-trade pro-3 gram.

4 "(5) An advisory committee, in consultation with interested stakeholders, shall develop 5 recommendations for the state's policy for on-road and off-road transportation electrification 6 offset projects within this state. The committee shall submit its final policy recommen-7 dations to the appropriate legislative interim committees prior to October 1, 2012. The policy 8 recommendations may address:

9 "(a) Specific standards and guidelines that support carbon accounting for the transpor-10 tation sector participating in a transportation electrification offset project; and

"(b) Recommendations on how any carbon that is reduced or avoided by a transportation
 electrification offset project, an idling emissions reduction project or other type of project
 may be eligible for an offset credit within a national cap-and-trade program.

14 "<u>SECTION 11.</u> <u>Reporting requirements.</u> (1) In addition to any registration and reporting 15 required under ORS 468A.050, the Environmental Quality Commission by rule may require 16 registration and reporting by:

17 "(a) Any person who imports, sells or distributes for use in this state electricity, the 18 generation of which emits greenhouse gases; or

19 "(b) Any person who imports, sells or distributes for use in this state fossil fuel that 20 generates greenhouse gases when combusted.

21 "(2) Rules adopted by the commission under this section for electricity that is imported, 22 sold or distributed for use in this state may require reporting of information necessary to 23 determine greenhouse gas emissions from generating facilities and transmission equipment 24 that are used to produce and transmit the electricity.

"(3)(a) The commission shall allow consumer-owned utilities, as defined in ORS 757.270, to comply with reporting requirements imposed under this section by the submission of a report prepared by a third party. A report submitted as provided in this paragraph may include information for more than one consumer-owned utility, but must include all information required by the commission for each individual utility.

"(b) For the purpose of determining greenhouse gas emissions related to electricity purchased from the Bonneville Power Administration by a consumer-owned utility, as defined
in ORS 757.270, the commission may require that the utility report only:

"(A) The number of megawatt hours of electricity purchased by the utility from the
 Bonneville Power Administration, segregated by the types of contracts entered into by the
 utility with the Bonneville Power Administration; and

36 "(B) The percentage of each fuel or energy type used to produce electricity purchased 37 under each type of contract.

38 "(4) Rules adopted by the commission under this section for fossil fuel that is imported, 39 sold or distributed for use in this state may require reporting of the type and quantity of the 40 fuel and any additional information necessary to determine the carbon content of the fuel. 41 For the purpose of determining greenhouse gas emissions related to liquefied petroleum gas, 42 the commission shall allow reporting using publications or submission of data by the Amer-43 ican Petroleum Institute but may require reporting of such other information necessary to 44 achieve the purposes of the rules adopted by the commission under this section.

45 "(5) To an extent that is consistent with the purposes of the rules adopted by the com-

1 mission under this section, the commission shall minimize the burden of the reporting re-

2 quired under this section by:

"(a) Allowing concurrent reporting of information that is also reported to another agency
of the executive department, as defined in ORS 174.112;

5 **"(b) Allowing electronic reporting;**

6 "(c) Allowing the use of good engineering practice calculations in reports, or of emission
7 factors published by the United States Environmental Protection Agency;

8 "(d) Establishing thresholds for the amount of specific greenhouse gases that may be 9 emitted or generated without reporting;

10 "(e) Requiring reporting by the fewest number of persons in a fuel distribution system 11 that will allow the commission to acquire the information needed by the commission; or

"(f) Developing other appropriate means and procedures, as determined by the commis sion.

¹⁴ "<u>SECTION 12.</u> Section 13 of this 2009 Act is added to and made a part of ORS 468A.200
 ¹⁵ to 468A.260.

"<u>SECTION 13.</u> Oregon Global Warming Commission. The Oregon Global Warming Com mission shall be responsible for:

"(1) Planning and preparing for impacts caused by global warming at the state and local levels, including public health, land use, natural resources, ecosystems health and the viability of certain economic sectors, including agriculture, so that Oregon is less vulnerable to the impacts and well-prepared to adapt to the impacts of global warming at the state and local levels;

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"(2) Conducting public education and outreach efforts mandated by ORS 468A.245;

"(3) Tracking other regional, national and international global warming policies as they
 relate to adaptation strategies and planning; and

26 "(4) Coordinating with the Oregon Climate Change Research Institute to track the 27 physical science of climate change as mandated by ORS 468A.250 to inform the public on new 28 global warming policies and strategies for this state.

²⁹ "<u>SECTION 14.</u> Whistleblower protection. It is an unlawful employment practice under ³⁰ ORS chapter 659A for an employer to discharge, demote, suspend or in any manner dis-³¹ criminate or retaliate against an employee with regard to promotion, compensation or other ³² terms, conditions or privileges of employment for the reason that the employee has in good ³³ faith reported possible violations of sections 3 to 8, 9, 10 and 11 of this 2009 Act.

³⁴ "SECTION 15. ORS 659A.885, as amended by section 12, chapter 100, Oregon Laws 2007, section 8, chapter 180, Oregon Laws 2007, section 3, chapter 278, Oregon Laws 2007, section 1, chapter 280, Oregon Laws 2007, section 4, chapter 525, Oregon Laws 2007, section 13, chapter 903, Oregon Laws 2007, and section 16, chapter 36, Oregon Laws 2008, is amended to read:

38 "659A.885. (1) Any person claiming to be aggrieved by an unlawful practice specified in subsection (2) of this section may file a civil action in circuit court. In any action under this subsection, 39 40 the court may order injunctive relief and any other equitable relief that may be appropriate, in-41 cluding but not limited to reinstatement or the hiring of employees with or without back pay. A 42court may order back pay in an action under this subsection only for the two-year period immediately preceding the filing of a complaint under ORS 659A.820 with the Commissioner of the Bureau 43 44 of Labor and Industries, or if a complaint was not filed before the action was commenced, the two-45 year period immediately preceding the filing of the action. In any action under this subsection, the

1 court may allow the prevailing party costs and reasonable attorney fees at trial and on appeal. Ex-2 cept as provided in subsection (3) of this section:

3 "(a) The judge shall determine the facts in an action under this subsection; and

4 "(b) Upon any appeal of a judgment in an action under this subsection, the appellate court shall 5 review the judgment pursuant to the standard established by ORS 19.415 (3).

"(2) An action may be brought under subsection (1) of this section alleging a violation of ORS
25.337, 25.424, 171.120, 399.235, 408.230, 476.574, 652.355, 653.060, 659A.030, 659A.040, 659A.043,
659A.046, 659A.063, 659A.069, 659A.100 to 659A.145, 659A.150 to 659A.186, 659A.194, 659A.203,
659A.218, 659A.230, 659A.233, 659A.236, 659A.250 to 659A.262, 659A.277, 659A.300, 659A.306,
659A.309, 659A.315, 659A.318 or 659A.421 or section 14 of this 2009 Act.

"(3) In any action under subsection (1) of this section alleging a violation of ORS 25.337, 25.424,
659A.030, 659A.040, 659A.043, 659A.046, 659A.069, 659A.100 to 659A.145, 659A.230, 659A.250 to
659A.262, 659A.318 or 659A.421:

"(a) The court may award, in addition to the relief authorized under subsection (1) of this section, compensatory damages or \$200, whichever is greater, and punitive damages;

"(b) At the request of any party, the action shall be tried to a jury;

"(c) Upon appeal of any judgment finding a violation, the appellate court shall review the judgment pursuant to the standard established by ORS 19.415 (1); and

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"(d) Any attorney fee agreement shall be subject to approval by the court.

"(4) In any action under subsection (1) of this section alleging a violation of ORS 652.355 or
653.060, the court may award, in addition to the relief authorized under subsection (1) of this section,
compensatory damages or \$200, whichever is greater.

"(5) In any action under subsection (1) of this section alleging a violation of ORS 171.120,
476.574, 659A.203 or 659A.218, the court may award, in addition to the relief authorized under subsection (1) of this section, compensatory damages or \$250, whichever is greater.

26"(6) Any individual against whom any distinction, discrimination or restriction on account of 27race, color, religion, sex, sexual orientation, national origin, marital status or age, if the individual is 18 years of age or older, has been made by any place of public accommodation, as defined in ORS 28 29 659A.400, by any employee or person acting on behalf of the place or by any person aiding or abetting the place or person in violation of ORS 659A.406 may bring an action against the operator 30 or manager of the place, the employee or person acting on behalf of the place or the aider or abettor 3132of the place or person. Notwithstanding subsection (1) of this section, in an action under this sub-33 section:

34 "(a) The court may award, in addition to the relief authorized under subsection (1) of this sec-35 tion, compensatory and punitive damages;

36 "(b) The operator or manager of the place of public accommodation, the employee or person 37 acting on behalf of the place, and any aider or abettor shall be jointly and severally liable for all 38 damages awarded in the action;

39 "(c) At the request of any party, the action shall be tried to a jury;

40 "(d) The court shall award reasonable attorney fees to a prevailing plaintiff;

41 "(e) The court may award reasonable attorney fees and expert witness fees incurred by a de-42 fendant who prevails only if the court determines that the plaintiff had no objectively reasonable 43 basis for asserting a claim or no reasonable basis for appealing an adverse decision of a trial court; 44 and

45 "(f) Upon any appeal of a judgment under this subsection, the appellate court shall review the

1 judgment pursuant to the standard established by ORS 19.415 (1).

2 "(7) When the commissioner or the Attorney General has reasonable cause to believe that a person or group of persons is engaged in a pattern or practice of resistance to the rights protected 3 4 by ORS 659A.145 or 659A.421 or federal housing law, or that a group of persons has been denied any of the rights protected by ORS 659A.145 or 659A.421 or federal housing law, the commissioner 5 or the Attorney General may file a civil action on behalf of the aggrieved persons in the same 6 7 manner as a person or group of persons may file a civil action under this section. In a civil action 8 filed under this subsection, the court may assess against the respondent, in addition to the relief authorized under subsections (1) and (3) of this section, a civil penalty: 9

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"(a) In an amount not exceeding \$50,000 for a first violation; and

11 "(b) In an amount not exceeding \$100,000 for any subsequent violation.

"(8) In any action under subsection (1) of this section alleging a violation of ORS 659A.145 or 659A.421 or alleging discrimination under federal housing law, when the commissioner is pursuing the action on behalf of an aggrieved complainant, the court shall award reasonable attorney fees to the commissioner if the commissioner prevails in the action. The court may award reasonable attorney fees and expert witness fees incurred by a defendant that prevails in the action if the court determines that the commissioner had no objectively reasonable basis for asserting the claim or for appealing an adverse decision of the trial court.

"(9) In an action under subsection (1) or (7) of this section alleging a violation of ORS 659A.145
 or 659A.421 or discrimination under federal housing law:

21 "(a) 'Aggrieved person' includes a person who believes that the person:

22 "(A) Has been injured by an unlawful practice or discriminatory housing practice; or

23 "(B) Will be injured by an unlawful practice or discriminatory housing practice that is about to 24 occur.

"(b) An aggrieved person in regard to issues to be determined in an action may intervene as of right in the action. The Attorney General may intervene in the action if the Attorney General certifies that the case is of general public importance. The court may allow an intervenor prevailing party costs and reasonable attorney fees at trial and on appeal.

"SECTION 16. Applicability of amendments. The amendments to ORS 659A.885 by section
 15 of this 2009 Act apply to conduct occurring on or after the effective date of this 2009 Act.
 "SECTION 17. Repeals. ORS 468A.235, 468A.240, 468A.255 and 468A.260 are repealed.

32 "SECTION 18. ORS 468A.210 is amended to read:

³³ "468A.210. As used in ORS 352.247 and 468A.200 to 468A.260:

34 "(1) 'Global warming' means an increase in the average temperature of the earth's atmosphere 35 that is associated with the release of greenhouse gases.

36 "(2) 'Greenhouse gas' means any gas that contributes to anthropogenic global warming includ-37 ing, but not limited to, carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons 38 and sulfur hexafluoride.

39 "[(3) 'Greenhouse gas cap-and-trade system' means a system that:]

40 "[(a) Establishes a total cap on greenhouse gas emissions from an identified group of emitters;]

41 "[(b) Establishes a market for allowances that represent emissions; and]

42 "[(c) Allows trading of allowances among greenhouse gas emitters.]

43 "<u>SECTION 19. Captions.</u> The section captions used in this 2009 Act are provided only for
44 the convenience of the reader and do not become part of the statutory law of this state or
45 express any legislative intent in the enactment of this 2009 Act.

- 1 "SECTION 20. Emergency clause. This 2009 Act being necessary for the immediate pres-
- 2 ervation of the public peace, health and safety, an emergency is declared to exist, and this
- 3 2009 Act takes effect on its passage.".

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